

On page 10, line 17, after "embodiment", insert --(Figs. 3-5)--.

On page 10, line 18, replace "latter" with --cartridge--.

### IN THE DRAWINGS

Please amend Figs. 7-9 as shown in red ink on the attached sheets. These changes are believed to overcome the Examiner's objections to the drawings under 37 CFR §§ 1.84(p)(5) and 1.83(a).

### IN THE CLAIMS

Kindly cancel claim 1, amend claims 2-12, and add claims 13 as follows:

2. (Amended) Injection cartridge according to Claim [1] 13, [characterized in that the first element (49) is obtained using] wherein the receptacle is a type I medical-grade glass.

3. (Amended) Injection cartridge according to Claim [1] 13, [characterized in that] wherein the [second element (50)] envelope is made of a plastic material which possesses the following characteristics:

- withstands a sterilization operation at high temperature,
- is approved for pharmaceutical applications,
- is insensitive to the temperature deviations,
- is translucent, even transparent, and, if appropriate, tinted.

4. (Amended) Injection cartridge according to Claim [1] 13, [characterized in that the first element (49), overall] wherein the cartridge is of substantially cylindrical shape, and includes, at each end, [an] a respective orifice [(29, 30)], one [(30)] of the orifices having a diameter substantially equivalent to the diameter of a rod [(17)] of

B4 the percussion member, while the other orifice [(29) of small diameter, in particular of the order of a few tenths of a millimetre,] serves as a nozzle.

B5 5. (Twice Amended) Injection cartridge according to claim [1] 13, further including, at one of its ends, means [(51)] permitting [the] engagement and fixing of the [said] cartridge on [the nose] an end of the injection device.

B6 6. (Amended) Injection cartridge according to Claim 5, [characterized in that] wherein the means [(51)] permitting [the] engagement and fixing are formed during [the covering, overmoulding operation] moulding by way of a plurality of studs [(52)] which project radially and are arranged along the diameter of the [said] cartridge [(28)], these studs cooperating with [the] bayonets provided at [the] an end [(53)] of the injection device.

B7 7. (Twice Amended) Injection cartridge according to claim [1] 13, further comprising an end [(54)] of the cartridge [(28)] that is covered by [a] an end cap [(55)] provided at its [centre] center with an elastomeric seal [(56), in particular of silicone].

Sub C2  
B8 8. (Amended) [Injection cartridge according to Claim 7, characterized in that] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

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a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein the end cap [(55)] has lateral walls [(57)] which enclose the end of the [said] cartridge [(28)], the [said] walls [(57)] being provided, at their ends, with raised zones [(58)] allowing them to be clipped into impressions [(59)] provided on the outer lateral walls of the [said] cartridge [(28)], thus ensuring that the end cap [(55)] is held on the cartridge.

Sub C3  
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9. (Twice Amended) [Injection cartridge according to claim 7, wherein an upper]  
In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

B9  
an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein an outer wall [(60)] of the end cap [(55)] forms a grip zone which allows [the] a user to position [the] studs [(52)] of the cartridge [(28)] in line with [the] bayonets of the injection device.

Sub C4  
10. (Amended) [Injection cartridge according to Claim 7, characterized in that] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

B10  
a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein the elastomeric seal [(56)] is obtained during simultaneous moulding operation [of moulding] of the cap [(55)].

11. (Amended) [Injection cartridge according to Claim 7, characterized in that] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member

contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;

an end cap removably covering an end of the cartridge that includes the single orifice;

an elastomeric seal located in a central portion of the end cap for sealing the orifice;

and further wherein the elastomeric seal [(56)] is attached and fitted by force into [an orifice (61)] a recess provided [on the] in an internal [wall (62)] surface of the end cap [(55)].

12. (Twice Amended) [Injection cartridge according to claim 1,] In a needle-free single use injection device of a pharmaceutical product, the device having a cap relatively movable relative to a device body for triggering a percussion member contained in the body, a cartridge mounted to an end of the device opposite the cap, the cartridge containing the product and driven by the percussion member, and the cartridge comprising:

a receptacle of preselected material and containing a single use quantity of the pharmaceutical product;

a single orifice formed in the receptacle for providing an exit for a jet of injected pharmaceutical product;

an envelope made of a preselected material and molded over the receptacle;